

NONTROP ZB 91 DIN

Grease for propane, butane, natural and town gas valves & fittings in acc. with DIN EN 377



Your benefits at a glance

- Tested and approved by DVGW acc. to DIN EN 377 class D
- Good adhesion
- Neutral towards copper and copper alloys
- High thermal stability
- Neutral towards DIN EN 377 elastomers, e.g. SRE-NBR 1

Your requirements - our solution

NONTROP ZB 91 DIN is a thermally stable lubricating, sliding and sealing agent based on mineral oil and silicate.

The grease is approved acc. to:

DIN EN 377 class D

DIN DVGW-Reg.-No. NG-5162AR0882

Application

NONTROP ZB 91 DIN is used as a lubricating, sliding and sealing agent in all kinds of gas installations and corresponding accessory parts in contact with combustible gas. For example, valves, tap cocks, ball valves in cookers and heaters with an operating

temperature range acc. to DIN EN 377 from 0°C to 140°C, in context with gas and gas mixtures like natural and town gas, propane and butane acc. to DVGW worksheet G 260.

Application notes

Apply a thin and uniform layer by means of brush, spatula or suitable metering systems onto the thoroughly cleaned and degreased lube points.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	NONTROP ZB 91 DIN
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Characteristics	NONTROP ZB 91 DIN
Article number	001031
Composition, thickener	silicate
Composition, type of oil	mineral oil
Colour space	brown
Texture	fibrous , homogeneous
Service temperature, lower limit	0 °C
Service temperature, upper limit	150 °C

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Characteristics	NONTROP ZB 91 DIN
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	210 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	240 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	13000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	19000 mPas
Copper corrosion, DIN 51811, 24 h, 140°C	2 - 140 - 24 corrosion degree
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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